



## Safety Data Sheet

### Engine Oil Multigrade L 20W - 50

Version 1.01

Revision Date 23.06.2023

#### SECTION 1. Identification of the substance/mixture and of the company/undertaking

**Product identifier**

**Trade name**

Engine Oil Multigrade L 20W - 50

**Synonyms**

Engine Oil, Crankcase Oil

**Relevant identified uses of the substance or mixture and uses advised against**

**Use**

Lubricant or lubricant additive

**Manufacturer or supplier's details**

**Company**

Sasol Oil Pty (Ltd)

**Address**

Sasol Place, 50 Katherine Street  
Sandton  
2090  
South Africa  
+27860335444

**Telephone**

**E-mail address**

sasolchem.info.sa@sasol.com

**Emergency telephone number**

+44 (0)1235 239 670 (Europe, Israel, Africa, Americas)

+44(0)1235 239 671 (Middle East, Arabic African countries)

+65 3158 1074 (Asia Pacific)

+86 10 5100 3039 (China)

+27 (0)17 610 4444 (South Africa)

+61 (2) 8014 4558 (Australia)



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## SECTION 2. Hazards identification

### Classification of the substance or mixture

#### REGULATION (EC) No 1272/2008

**Classification** This substance is not classified as hazardous according to GHS.

### Label elements

**Pictogram** Not applicable

**Signal word** Not applicable

**Hazard statements** This substance is not classified as hazardous according to GHS.

### Precautionary statements

**Prevention** This substance is not classified as hazardous according to GHS.

**Response** This substance is not classified as hazardous according to GHS.

**Storage** No special storage conditions required.

**Disposal** P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

**Other hazards** No data available

## SECTION 3. Composition/information on ingredients

### Mixture

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**Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified**

**Contents:** 84.00 %W/W

**CAS-No.** 64742-54-7

**Index-No.** 649-467-00-8

**EC-No.** 265-157-1

**Hazard statements** *H304*

**Mineral Oil**

**Contents:** 12.00 %W/W

**CAS-No.**

**Index-No.**

**EC-No.**

**Hazard statements** *H304*

**Amines, polyethylenepoly-, reaction products with 1,3-dioxolan-2-one and succinic anhydride monopolyisobutenyl derivs.**

**Contents:** <= 1.40 %W/W

**CAS-No.** 147880-09-9

**Index-No.**

**EC-No.**

**Hazard statements** *H413*

**Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt**

**Contents:** <= 0.85 %W/W

**CAS-No.** 722503-69-7

**Index-No.**

**EC-No.**

**Hazard statements** *H413*

**Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts**

**Contents:** <= 0.72 %W/W

**CAS-No.** 68649-42-3

**Index-No.**

**EC-No.** 272-028-3

**Hazard statements** *H315 H319*

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**Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts**

**Contents:** <= 0.33 %W/W

**CAS-No.** 722503-68-6

**Index-No.**

**EC-No.**

**Hazard statements** H317 H413

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### SECTION 4. First aid measures

##### Description of necessary first-aid measures

<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If breathing is difficult, give oxygen. Get medical attention/advice if you feel unwell.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Seek immediate medical attention/advice.

##### Most important symptoms/effects, acute and delayed

Refer to SECTION 11

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#### SECTION 5. Firefighting measures

<b>Suitable extinguishing media</b>	Water spray, Foam, CO <sub>2</sub> , Dry powder.
<b>Special hazards arising from the substance or mixture</b>	Under conditions of continuous exposure to heat, may burn. Under extreme conditions (e.g. confinement) could lead to detonation. Nitrogen oxides (NO <sub>x</sub> ) and carbon oxides are produced during combustion.
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

#### SECTION 6. Accidental release measures

<b>Personal precautions</b>	Use personal protective equipment. Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Try to prevent the material from entering drains or water courses.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Disposal and clean up may only be done by authorised personnel.
<b>Reference to other sections</b>	Refer to Section 8 and 13

#### SECTION 7. Handling and storage

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<b>Safe handling advice</b>	Wear personal protective equipment. Do not breathe vapours or spray mist. Avoid contact with skin and eyes. Ensure adequate ventilation. Keep away from flames and sparks.
<b>Advice on protection against fire and explosion</b>	No data available
<b>Requirements for storage areas and containers</b>	Keep away from heat. Do not store near combustible materials.
<b>Advice on common storage</b>	No data available

### SECTION 8. Exposure controls/personal protection

#### Components with workplace control parameters

##### NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

#### Exposure controls

##### Engineering measures

Ensure adequate ventilation, especially in confined areas.

##### Personal protective equipment

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection** Gloves suitable for permanent contact:  
Material: butyl-rubber  
Break through time: 4 h  
Material thickness: 0.5 mm

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Eye protection	Safety goggles
Skin and body protection	lightweight protective clothing
Hygiene measures	Wash hands before breaks and immediately after handling the product.

## SECTION 9. Physical and chemical properties

### Information on basic physical and chemical properties

Form	Liquid
State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	brown
Odour	mild
Odour Threshold	No data available
pH	No data available
pourpoint	-25 ° C
Flash point	240 ° C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto-ignition temperature	> 320 ° C
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available

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Relative vapour density	No data available
Density	0.885 g/cm <sup>3</sup>
Water solubility	emulsifiable
Partition coefficient: n-octanol/water	No data available
Viscosity, kinematic	180 mm <sup>2</sup> /s

#### SECTION 10. Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	No data available
Possibility of hazardous reactions	Strong acids and oxidizing agents
Conditions to avoid	No data available
Materials to avoid	Combustible material
Hazardous decomposition products	Stable under normal conditions.

#### SECTION 11. Toxicological information

Acute oral toxicity	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: LD50 Rat: 5,000 mg/kg;
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<b>Acute inhalation toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: LC50 Rat: 4 h; 2.18 - 5.53 mg/l;
<b>Acute dermal toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: LD50 Rabbit: 2,000 - 5,000 mg/kg;
<b>Repeated dose toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Oral Rat; Lowest observed adverse effect level 125 mg/kg
<b>Repeated dose toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Dermal Rat; NOAEL Early embryonic development 30 - 2,000 mg/kg
<b>Repeated dose toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Dermal Mouse; NOAEL Early embryonic development 150 mg/kg Lowest observed adverse effect level 100 mg/kg
<b>Repeated dose toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Dermal Rabbit; NOAEL Early embryonic development 1,000 mg/kg
<b>Carcinogenicity</b>	Mineral oils are severely solvent refined or hydrotreated.

## SECTION 12. Ecological information

<b>Toxicity to fish</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil -
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	unspecified: 4 d; LL50; 100 mg/l;
<b>Toxicity to daphnia and other aquatic invertebrates</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: No data available
<b>Toxicity to algae</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: No data available
<b>Toxicity to bacteria</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: No data available

## SECTION 13. Disposal considerations

<b>Product</b>	Dispose of in accordance with local regulations.
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## SECTION 14. Transport information

<b>Further Information</b>	Not classified as dangerous in the meaning of transport regulations.
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## SECTION 15. Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>Canadian Domestic Substances List (DSL)</b>	<b>Components Not listed</b>
	Mineral Oil
	Amines, polyethylenepoly-, reaction products with 1,3-dioxolan-

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2-one and succinic anhydride monopolyisobutenyl derivs.  
Benzenesulfonic acid methyl-, mono C20-26 branched alkyl  
derivs., calcium salt  
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl  
derivs., calcium salts

#### Australian Inv. of Chem. Substances (AICS)

##### Components Not listed

Mineral Oil  
Amines, polyethylenepoly-, reaction products with 1,3-dioxolan-  
2-one and succinic anhydride monopolyisobutenyl derivs.

#### New Zealand Inventory of Chemicals (NZIoC)

##### Components Not listed

Mineral Oil  
Benzenesulfonic acid methyl-, mono C20-26 branched alkyl  
derivs., calcium salt  
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl  
derivs., calcium salts

#### Jap. Inv. of Exist. & New Chemicals (ENCS)

##### Components Not listed

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Mineral Oil  
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2-one and succinic anhydride monopolyisobutenyl derivs.  
Benzenesulfonic acid methyl-, mono C20-26 branched alkyl  
derivs., calcium salt  
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts  
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl  
derivs., calcium salts

#### Japan. Industrial Safety & Health Law (ISHL)

##### Components Not listed

Distillates (petroleum), hydrotreated heavy paraffinic  
Mineral Oil



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Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts

#### Korea. Existing Chemicals Inventory (KECI)

##### Components Not listed

Mineral Oil

Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts

#### Philippines Inventory of Chemicals and Chemical Substances (PICCS)

##### Components Not listed

Mineral Oil

Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts

#### China Inv. Existing Chemical Substances (IECSC)

##### Components Not listed

Mineral Oil

Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts

#### Taiwan. Chemical Substances Inventory (TCSI)

##### Components Not listed

Mineral Oil



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#### USA TSCA Inventory

#### Components Not listed

Mineral Oil

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Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts

## SECTION 16. Other information

#### Full text of H-Statements

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H413 May cause long lasting harmful effects to aquatic life.

All reasonable efforts were exercised to compile this SDS in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The SDS only provides information regarding the health, safety and environmental hazards at the date of issue, to facilitate the safe receipt, use and handling of this product in the workplace and does not replace any product information or product specifications. Since Sasol and its subsidiaries cannot anticipate or control all conditions under which this product may be handled, used and received in the workplace, it remains the obligation of each user, receiver or handler to, prior to usage, review this SDS in the context within which this product will be received, handled or used in the workplace. The user, handler or receiver must ensure that the necessary mitigating measures are in place with respect to health and safety. This does not substitute the need or requirement for any relevant risk assessments to be conducted. It further remains the responsibility of the receiver, handler or user to communicate such information to all relevant parties that may be involved in the receipt, use or handling of this product.



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